

AMENDMENTS TO THE SPECIFICATION

Page 4, the last paragraph bridging pages 4 and 5, please amend as follows:

The above objects as well as further features and advantages are also realized according to the invention with a the charge sensing device ~~which is characterized in~~ according to the invention wherein the device comprises ~~comprising~~ a pair of a first and second charge reference means connected in parallel and similar to the charge storing means, said first charge reference means having the opposite polarization of the second charge reference means, said first and second charge reference means ~~and~~ being arranged to have a common input node with the charge storing means ~~having a common input node~~; first and second pseudo differential reference sense amplifiers both being connected with output nodes of the respective charge reference means, said first and second pseudo differential amplifiers being adapted for generating output reference signals to a common reference node; and a pseudo differential sense amplifier having a first input connected with the common reference node for receiving a common reference input signal and a second input ~~for receiving~~ arranged to receive an output signal from the charge storing means; whereby the pseudo differential sense amplifier is enabled to perform a threshold comparison and generating an output sense signal indicative of a polarization state of the charge storing means.

Page 5, the last paragraph bridging pages 5 and 6, please amend as follows:

The above objects as well as further features and advantages are also realized according to the invention with a the charge sensing device ~~which is characterized~~ according to the invention in comprising at least ~~two pairs~~ a pair of a first and a second charge reference means

connected in parallel and similar to the charge storing means, said first charge reference means having the opposite polarization of the second charge reference means; each of said at least two pairs of charge reference means having a common input node and a pair of common output nodes connected with said first and said second charge reference means in each of said at least two pairs thereof, each common input node of said at least two pairs of charge reference means moreover being connected with at least two charge storing means; first and second pseudo differential reference sense amplifiers being respectively connected with the first common output node and the second common output node of the charge reference means, said first and second pseudo differential reference sense amplifiers being adapted for generating output reference signals to a common reference node; and at least two pseudo differential sense amplifiers, each having a first input connected with said common reference node for receiving a common reference input signal and a second input respectively arranged to be ~~being~~ connected with a common output node of respective one of said at least two charge storing means for receiving respective output signals therefrom, said at least two charge storing means forming the elements of an orthogonal row and column array thereof and with each of the charge storing means of a row being connected to one of said at least two common input nodes and each of the charge storing means of a column being connected to a common output node; whereby each pseudo differential sense amplifier is enabled to perform a threshold comparison and generating an output sense signal indicative of a polarization state of a selected charge storing means connected therewith.